

S/N: 10/629,197

date: 1-22-04

4	((magnet\$3resist\$5 or MR) same ((position with (detect\$5 or sens\$5)) same phase same (lens or optical))) and auto\$2focus	USPAT; US-PGPUB; IBM_TDB	1/21/04 11:28
22	((magnet\$3resist\$5 or MR) same ((position with (detect\$5 or sens\$5)) same phase same (lens or optical)))	USPAT; US-PGPUB; IBM_TDB	1/21/04 11:27
3213	((359/813,814,819,822,823,824,811) or (396/526) or (362/455) or (353/100)).CCLS.	USPAT; US-PGPUB; IBM_TDB	1/21/04 10:30
1	morimoto-yosuke\$8.in.	USPAT; US-PGPUB; IBM_TDB	1/21/04 10:30
4	5208535.URPN.	USPAT	1/20/04 14:29
	(((((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or (362/455) or (353/100) or (324/207.11-207.26)).CCLS.) and (position same (detect\$5 or sens\$5) same phase)) and lens) and		
14	magnet\$3resist\$5	USPAT; US-PGPUB; IBM_TDB	1/20/04 14:27
45592	magnet\$3resist\$5 or MR	USPAT; US-PGPUB; IBM_TDB	1/20/04 14:27
3	6097183.URPN.	USPAT	1/20/04 13:19
	("4221056"   "4462083"   "4481464"   "4987414"   "5184062"   "5192917"   "5353019"   "5414516"   "5432443"   "5453684"   "5485407"   "5535142"   "5625310").PN.		
13	5909115.URPN.	USPAT	1/20/04 13:15
2	5770942.URPN.	USPAT	1/20/04 13:14
0	5453684.URPN.	USPAT	1/20/04 13:12
11	5453684.URPN.	USPAT	1/20/04 13:09
3521	((position with (detect\$5 or sens\$5)) and magnet\$3resist\$5	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:04
	(((((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or (362/455) or (353/100) or (324/207.11-207.26)).CCLS.) and (position		
611	same (detect\$5 or sens\$5) same phase)	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:04
	(((((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or (362/455) or (353/100) or (324/207.11-207.26)).CCLS.) and (position		
83	same (detect\$5 or sens\$5) same phase)) and lens	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:04
	((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or		
7093	(362/455) or (353/100) or (324/207.11-207.26)).CCLS.	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:03
33033	position same (detect\$5 or sens\$5) same phase	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:03
	((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or		
3634	(362/455) or (353/100)).CCLS.	USPAT; US-PGPUB; IBM_TDB	1/20/04 13:02
	((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or		
	(362/455) or (353/100)).CCLS.) and ((position with (detect\$5 or		
14	sens\$5)) and magnet\$3resist\$5)	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:56
1	morimoto-yosuke\$8.in.	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:56
317254	position with (detect\$5 or sens\$5)	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:54
3	("5291335"   "5909320"   "6002530").PN.	USPAT	1/20/04 12:54
5	5291335.URPN.	USPAT	1/20/04 12:49
	((lens adj position\$5) same phase same (detect\$5 or sens\$5)) and		
	((359/813,814,819,822,823,824,811,696,694) or (396/526,116,127) or		
5	(362/455) or (353/100)).CCLS.)	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:46
13738	lens adj position\$5	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:45
169	((lens adj position\$5) same phase same (detect\$5 or sens\$5)	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:45
	((359/813,814,819,822,823,824,811) or (396/526) or (362/455) or		
	(353/100)).CCLS.) and ((position with (detect\$5 or sens\$5)) same		
22	phase same (lens or optical))	USPAT; US-PGPUB; IBM_TDB	1/20/04 12:44
15	4534624.URPN.	USPAT	1/20/04 12:36
10	3917394.URPN.	USPAT	1/20/04 11:44
2959	((position with (detect\$5 or sens\$5)) same phase same optical	USPAT; US-PGPUB; IBM_TDB	1/20/04 11:43
3391	((position with (detect\$5 or sens\$5)) same phase same (lens or optical)	USPAT; US-PGPUB; IBM_TDB	1/20/04 11:43

21057 (position with (detect\$5 or sens\$5)) same phase

USPAT; US-PGPUB; IBM\_TDB 1/20/04 11:42